

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of writing information for supporting at least one still picture of data-stream recorded ~~[[in]]~~ on a recording medium an optical disk, the recording medium including at least one data area and at least one navigation area, the method comprising the steps of:

(a) ~~writing still information indicating that a video data stream section is to be presented in a still picture~~ writing, in the data area, a stream including at least one still picture and at least one presentation information, a presentation period of the still picture being defined by the presentation information; and

(b) writing, in the navigation area, information associated with the existence of the ~~in a cell on whether there is a still picture in [[a]]~~ the stream object containing the video data stream section, the cell being linked with the steam object.

2. (Currently Amended) The method as set forth in claim 1, wherein said step (b) further writes, in the navigation area, information identifying the number of still pictures ~~indicating the location of the video data stream section in the cell.~~

3. (Currently Amended) The method as set forth in claim 1, wherein said step (a) writes the ~~still~~ presentation information in a header of a sector of the data area in which the still picture video data stream section is written.

4. (Currently Amended) The method as set forth in claim 1, wherein the ~~video data stream section to be presented as a still picture~~ is at least one ~~consists of~~ Infra-coded picture (I-picture) data and or ~~predictive picture data (P-picture).~~

5. (Currently Amended) A disk device for managing reproduction of still picture recorded on a recording medium, the recording medium including at least one data area and at least one navigation area, the device comprising:

~~recorded video data~~ a recording part to record, in the data area, a stream including at least one, still information indicating that a video data stream section among the recorded video data stream is to be presented as a still picture and at least one presentation information, a presentation period of the still picture being defined by the presentation information, and

the recording part also recording, in the navigation area, information written in a cell on whether there is a ~~associated with the existence of the still picture in [[a]] the stream object containing the video data stream section wherein the cell is linked with the stream object.~~

6. (Currently Amended) The disk device as set forth in claim 5, wherein the recording part further comprising records, in the navigation area, information identifying the number of still pictures indicating the location of the video data stream section, the location information being written in the cell.

7. (Currently Amended) The disk device as set forth in claim 5, wherein the ~~still~~ presentation information is ~~written~~ recorded in a header of a sector of the data area in which the still picture ~~video data stream section~~ is ~~written~~ recorded.

8. (Original) A method of writing information for supporting still picture of data stream recorded in an optical disk, comprising the steps of:

- (a) recording video data in a streaming format; and
- (b) writing a transport packet indicating that a data section among the recorded video data is a still picture at a neighboring side of the data section, wherein the contents of the transport packet is not decoded when reproducing the recorded video data.

9. (Original) A disk device comprising video data recorded in a streaming format, and a transport packet indicating that a data section among the recorded video data is a still picture, wherein the transport packet is written at a neighboring side of the data section and the contents of the transport packet is not decoded when reproducing the recorded video data.

10. (Currently Amended) A data reproducing method for a recording medium including at least one data area and at least one navigation area, the data area storing a stream including at least one still picture and at least one

presentation information, the presentation information defining a presentation period of the still picture, the navigation area storing information associated with the existence of the still picture in the stream, supporting still picture of data stream recorded in an optical disk, the method comprising the steps of:

(a) checking the navigation area to determine whether a video data reproduced from the disk is recording medium corresponds~~[[ing]]~~ to a still picture; and

(b) ~~conducting an iteration of transmitting a predictive~~ presenting the still picture from the data area based on the checked result for the presentation period specified in the presentation information of the reproduced video data repeatedly after transmitting the reproduced video data based on the checked result.

11. (Currently Amended) The method as set forth in claim ~~[[10]]~~ 14, wherein ~~[[the]]~~ an iterative transmission ratio of the ~~video data I-picture~~ to the predictive P-picture data is 1:N wherein N is greater than 1.

12. (Currently Amended) The method as set forth in claim 10, wherein ~~said step (b) transmits~~ the presentation information is stored in a header information of a sector of the data area in which the still picture is stored only without sending the predictive data when transmitting the predictive picture data repeatedly.

13. (Currently Amended) The method as set forth in claim 10, wherein the navigation area further stores therein information identifying the number of still pictures, such that said step (b) conducts the presenting ~~transmitting~~ ~~iteration during still time specified in still information written in the disk for the~~ identified number of still pictures.

14. (Currently Amended) The method as set forth in claim 10, wherein the at least one still picture includes at least one I-picture and at least one P-picture ~~said step (b) conducts the transmitting iteration until a user requests release of still mode.~~

15. (New) The method as set forth in claim 1, wherein the navigation area is a cell information area separate from the data area.

16. (New) The method as set forth in claim 5, wherein the navigation area is a cell information area separate from the data area.

17. (New) The method as set forth in claim 10, wherein the navigation area is a cell information area separate from the data area.

18. (New) A recording medium having a data structure for managing reproduction of a still picture recorded on the recording medium, the recording medium comprising:

at least one data area storing a stream, the stream having at least one still picture and at least one presentation information, a presentation period of the still picture being defined by the presentation information; and

at least one navigation area storing information associated with the existence of the still picture in the stream.

19. (New) The recording medium as set forth in claim 18, wherein the still picture is at least one I-picture or P-picture.

20. (New) The recording medium as set forth in claim 18, wherein the navigation area further stores therein information identifying the number of still pictures.